



Mouse Anti-*C. neoformans* Monoclonal antibody, clone 540 (CABT-RM274)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Cryptococcus neoformans
Target	<i>C. neoformans</i>
Isotype	IgG1, kappa
Source/Host	Mouse
Species Reactivity	<i>C. neoformans</i>
Clone	540
Purification	> 90% pure (SDS-PAGE). Protein A Chromatography Product is 0.2 µm filtered.
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Concentration	5.82 mg/mL
Size	1 mg
Buffer	10 mM Sodium Phosphate, 150 mM Sodium Chloride, pH 7.4.
Preservative	0.1% Sodium Azide
Storage	Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction

Cryptococcus neoformans is an encapsulated yeast and an obligate aerobe that can live in both plants and animals. Its teleomorph is *Filobasidiella neoformans*, a filamentous fungus belonging to the class Tremellomycetes. It is often found in bird excrement. *Cryptococcus neoformans* is an encapsulated fungal organism and it can cause disease in apparently immunocompetent, as well as immunocompromised, hosts.

Keywords

Cryptococcus neoformans; *C. neoformans*; *Cryptococcus*; *Tremellomycetes*